

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	882	threshold\$3 near6 light\$5 near6 condition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:18
L3	30	2 and ((road or traffic) near4 sign\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:42
L4	351	(road or traffic) near6 (sign or signboard) near6 (recognition or detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:44
L5	904	color near6 difference near6 threshold\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:46
L6	0	4 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:45
L7	43506	difference near6 threshold\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:46
L8	10	4 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:59

## EAST Search History

L9	2	("20040141639").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 08:59
L10	263263	(resampl\$4 or subsampl\$4 or sampl\$4 or reduc\$4) with (matrix or image)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:07
L11	1261	color near5 segmentation	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:07
L12	795	10 and L11	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:07
L13	51	12 and (weight\$4 with neighbo\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:07
S1	8425	road near4 sign	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:02
S2	4844566	detect\$4 or recognizing or recogni\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:03
S3	689	S2 with S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:03
S4	998	S2 same S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:03

## EAST Search History

S5	208	S2 near S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 08:03
S6	6	("5844505"   "5850254"   "6057754").PN. OR ("6472977"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:47
S7	3655	382/104,209,164,162,165.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:48
S8	94	S1 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 10:19
S9	2	("6453056").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 13:14
S10	24	("5392365"   "5448484"   "5465115"   "5465308"   "5627915"   "5633944"   "5633946"   "5696503"   "5699444"   "5740274"   "5790691"   "5844699"   "5864630"   "5974521"   "5991085"   "6018697"   "6064768"   "6141433").PN. OR ("6453056").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 10:46
S11	1257	color near5 segmentation	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:05
S12	120	S11 same compar\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 10:59
S13	113	laumeyer	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 11:16
S14	26062	color near4 match\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 11:17
S15	119	S1 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 11:18

## EAST Search History

S16	2	("7039229").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 13:23
S17	25919	color same (RGB or (red adj green adj blue)) same differen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:28
S18	195854	object near4 (recog\$6 or detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:40
S19	1675	(S1 or S18) and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:26
S20	878	S19 and threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:27
S21	11848	color with (RGB or (red adj green adj blue)) with differen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 14:51
S22	815	(S1 or S18) and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:28

## EAST Search History

S23	410	S22 and threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:38
S24	2051	relation\$5 with (color near4 component)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:39
S25	123	(S1 or S18) and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 14:38
S26	44	(two near4 color near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 14:38
S27	7255	color near4 threshold\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 14:52
S28	66	S1 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:01
S29	2	("7130454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 15:01

## EAST Search History

S30	3	("6128398"   "6657538"   "6888955").PN. OR ("7130454").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:27
S31	449795	shap\$4 and color	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:53
S32	3079	traffic near2 sign	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:54
S33	1815	(S1 or S32) and S31	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:04
S34	283	S33 and correlat\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:54
S35	7402	(red or green or blue or r or b or g) near10 (great\$4 or above) near10 threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:05
S36	2231	threshold near10 (express\$4 or function or describ\$4) near10 (red or green or blue or r or g or b)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:06
S37	425	S35 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:40
S38	0	(S1 or S32) and S37	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:06
S40	399	382/164.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:40
S41	9346	color near6 threshold\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 08:16
S42	1476	color near6 segmentation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 08:16

## EAST Search History

S43	312	S41 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 08:16
S44	23	("4750209"   "4924509"   "4953013"   "4998122"   "5001767"   "5014124"   "5025481").PN. OR ("5134666"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:35
S45	1719	red near7 great\$4 near7 (blue)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:00
S46	1072	red near7 great\$4 near7 (blue and green)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:36
S47	10	("5293430"   "5327262"   "5331442"   "5341226"   "5394195"   "5767978"   "5768412"   "5802203"   "6343146").PN. OR ("6449389"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 14:21
S48	11208	(382/162-167.ccls.) or (358/500-540.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 14:23
S49	2795	"R-G"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 14:23
S50	222	S48 and S49	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 14:22
S51	12200	(382/162-167.ccls.) or (358/500-540.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 14:23
S52	222	S49 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 14:23

## EAST Search History

S53	3037	"R-G"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 14:28
S54	222	S51 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 14:23
S55	27	"R-G" near8 threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 15:54
S56	147639	"R>G" or "R>B"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 15:55
S57	479	S56 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 15:55
S58	73	S57 and sign	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 15:55
S59	1807	red near7 great\$4 near7 (blue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:01



## EAST Search History

S60	88	S59 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:10
S61	2	("6895111").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 16:18
S62	69	S53 same threshold\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:19
S63	2	("6453056").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:38
S64	2	("20010040982").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 10:28
S65	2	("7130454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 08:17
S66	6	((("6282574") or ("6104711") or ("6359880"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 10:47

## EAST Search History

S67	71	(color near5 segmentation) same binary	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:28
S68	1017	(color near6 difference) with threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:32
S69	3	S68 and ((road or traffic) near3 sign)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:29
S70	153	S68 same (RGB or (R adj1 G adj1 B) or (red adj blue adj green))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:33
S71	15	("20010009438"   "4279502"   "5010393"   "5497431"   "5568194"   "5663772"   "5682573"   "5689590"   "5696840"   "5754316"   "5767983"   "5917578"   "6097845"   "6324345"   "6463173").PN. OR ("7123293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:46